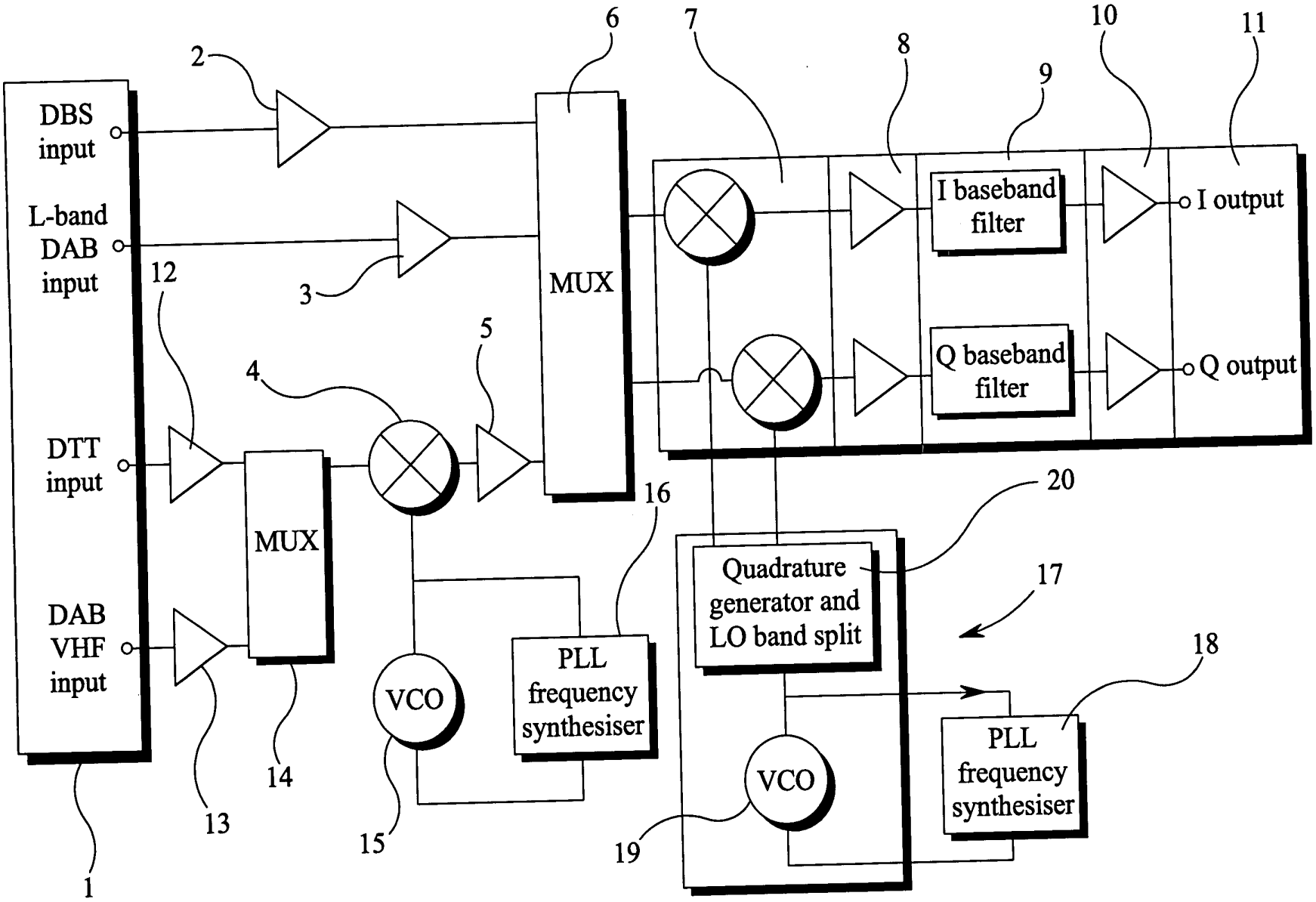
DBS input
L-band DAB input
DTT input
DAB VHF input
MUX
MUX
I baseband filter
Q baseband filter
I output
Q output
VCO
PLL frequency synthesiser
Quadrature generator and LO band split
VCO
PLL frequency synthesiser
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20